







How to replace a rear brake caliper on VOLKSWAGEN PASSAT B5 3B6



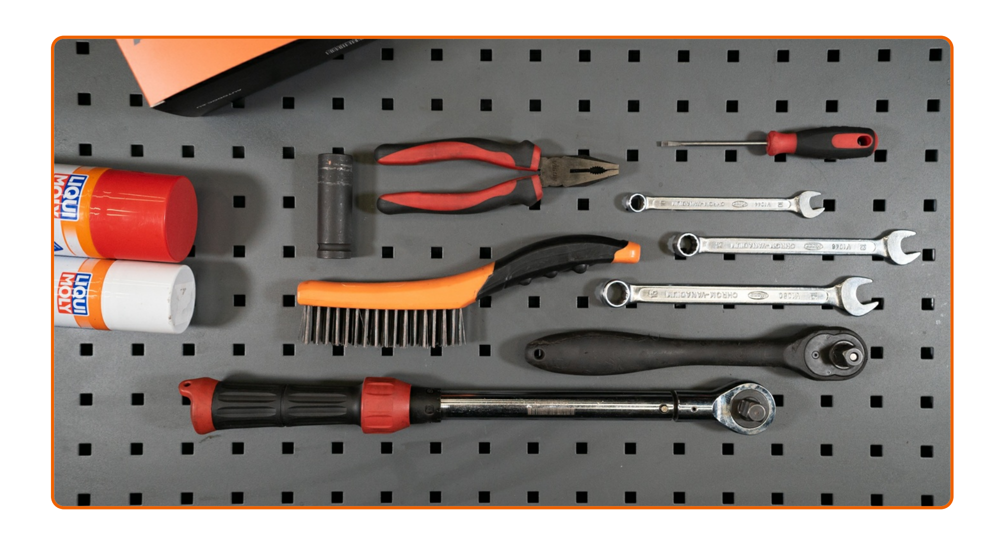
VIDEO TUTORIAL

Important!

This replacement procedure can be used for:
VW PASSAT (3B3) 1.8 T 20V, VW PASSAT Variant (3B6) 1.8 T 20V

The steps may slightly vary depending on the car design.

REQUIRED TOOLS:



- Brake cleaner
- Copper grease
- Flare nut spanner #10
- Combination spanner #13
- Combination spanner #15
- Drive socket # 13
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Flat Screwdriver
- Pliers
- Wheel chock



AUTODOC recommends:

- The replacement procedure is identical for the left and right brake calipers on the same axle.
- All work should be done with the engine stopped.

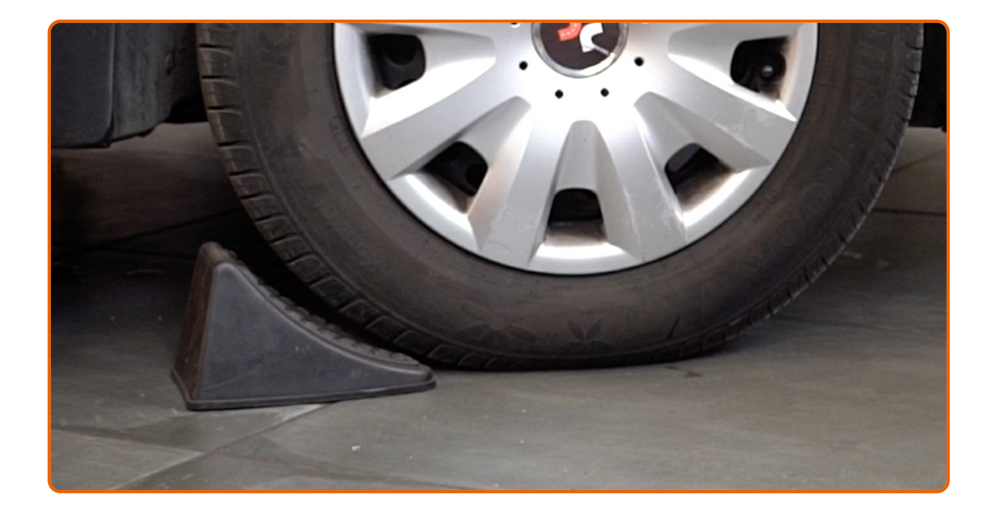
CARRY OUT REPLACEMENT IN THE FOLLOWING ORDER:

1



Open the bonnet. Unscrew the brake fluid reservoir cap.

2



Secure the wheels with chocks.

3

Loosen the wheel mounting bolts. Use wheel impact socket #17.

4



Raise the rear of the car and secure on supports.

5



Unscrew the wheel bolts.

AUTODOC recommends:

- To avoid injury, hold up the wheel when unscrewing the bolts.

6



Remove the wheel.

7



Disconnect the parking brake cable from the caliper. Use a flat screwdriver.

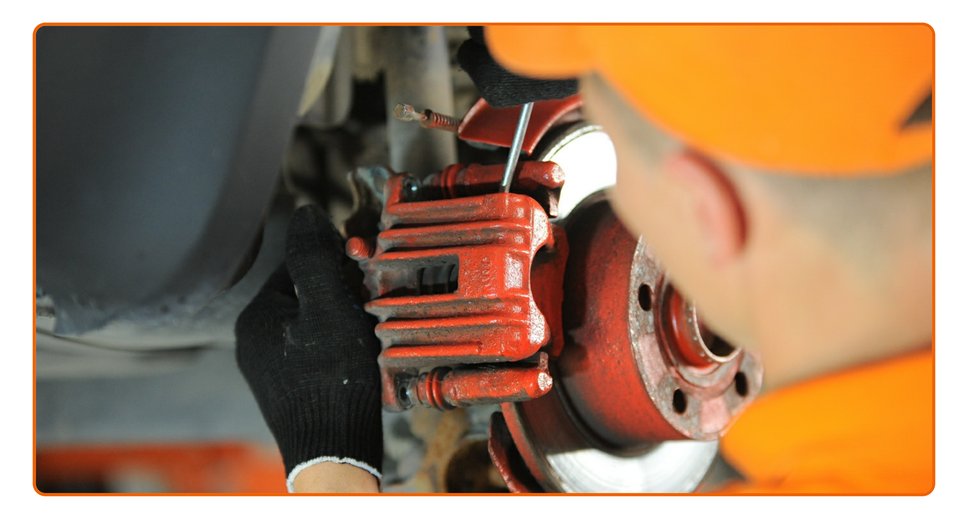
8

Remove the retaining clip of the parking brake cable. Use pliers.

9

Release the parking brake cable. Use a flat screwdriver.

10



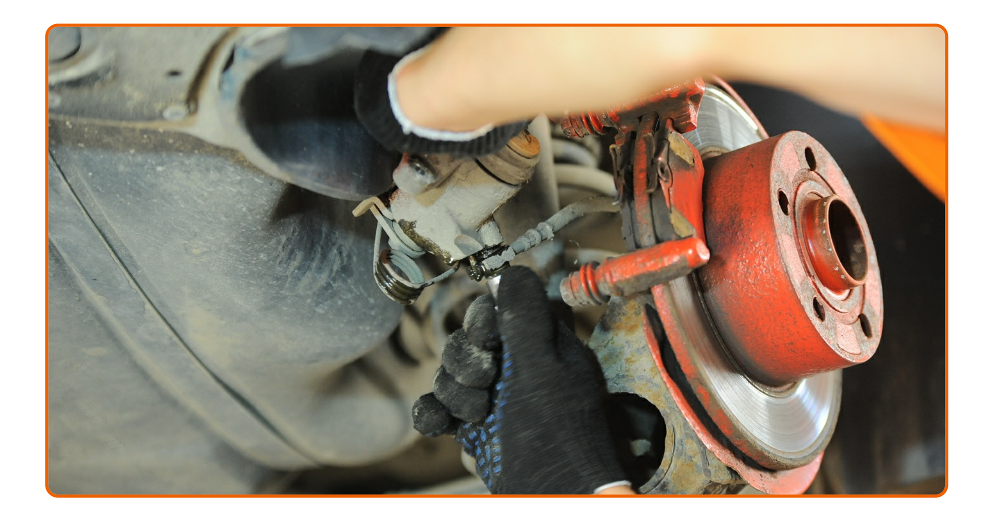
Spread the brake pads. Use a flat screwdriver.

11



Unscrew the brake caliper fastening Use a combination spanner #15. Use a drive socket #13. Use a ratchet wrench.

12



Remove the brake caliper. Use a flat screwdriver.

AUTODOC recommends:

- When replacing the brake caliper, it is recommended to check the brake hose for damages and, if necessary, to replace it with a new one.
- When replacing a brake caliper it is recommended to replace brake pads, check the state of the brake discs and replace them with new ones if necessary.
- If no new guide pins were supplied in a kit with the new brake calipers, use the old pins.

13



Unscrew the brake hose from the brake caliper. Use a combination spanner #13.

14



Remove the brake pads.

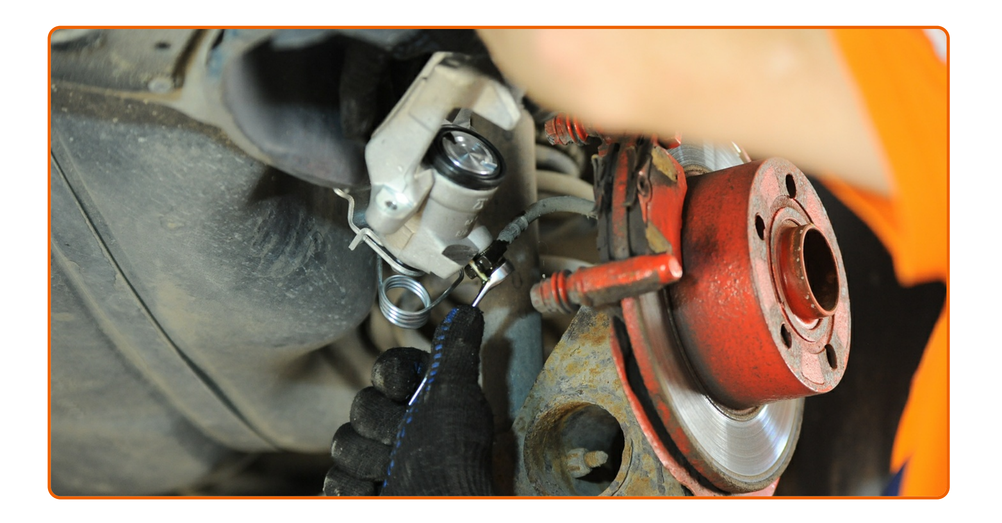
AUTODOC recommends:

- Immediately plug the brake line open end to prevent fluid leakage and ingress of dirt into the hydraulic system.

15

Install the brake pads.

16



Install and fix the brake hose into a new caliper. Use a combination spanner #13.

17



Install the brake caliper and fix it.

18



Tighten the brake caliper fasteners. Use a combination spanner #15. Use a drive socket #13. Use a torque wrench. Tighten it to 35 Nm torque.

19



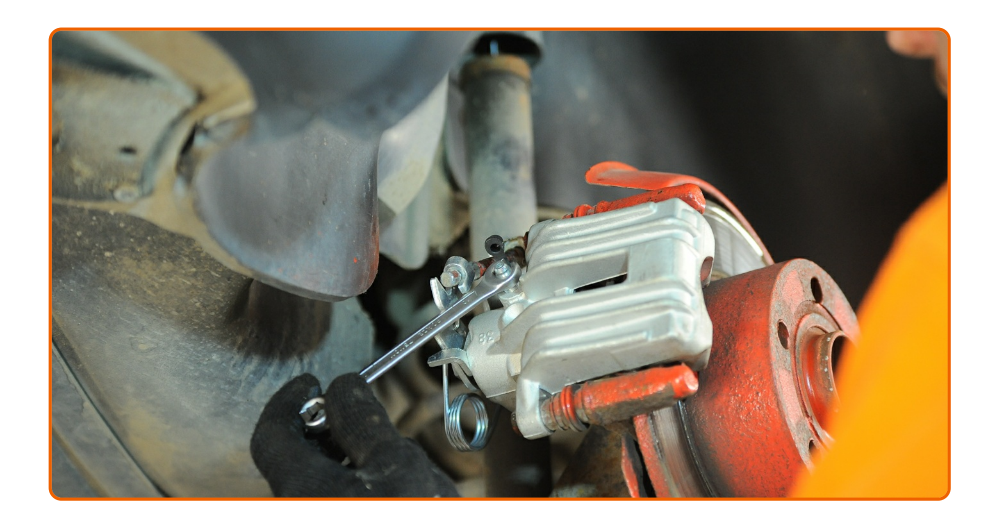
Install the parking brake cable into the brake caliper bracket. Use a flat screwdriver.

20



Secure the parking brake cable with the retaining clip. Use a flat screwdriver.

21



Undo the brake bleeder screw. Use a flare nut spanner #10.

22



Bleed the brake caliper system. Without starting the engine, press the brake pedal several times until you feel significant resistance.

23

Tighten the brake bleeder screw. Use a flare nut spanner #10.

24



Tighten the brake caliper bleed screw. Use a flare nut spanner #10. Use a torque wrench. Tighten it to 25 Nm torque.

AUTODOC recommends:

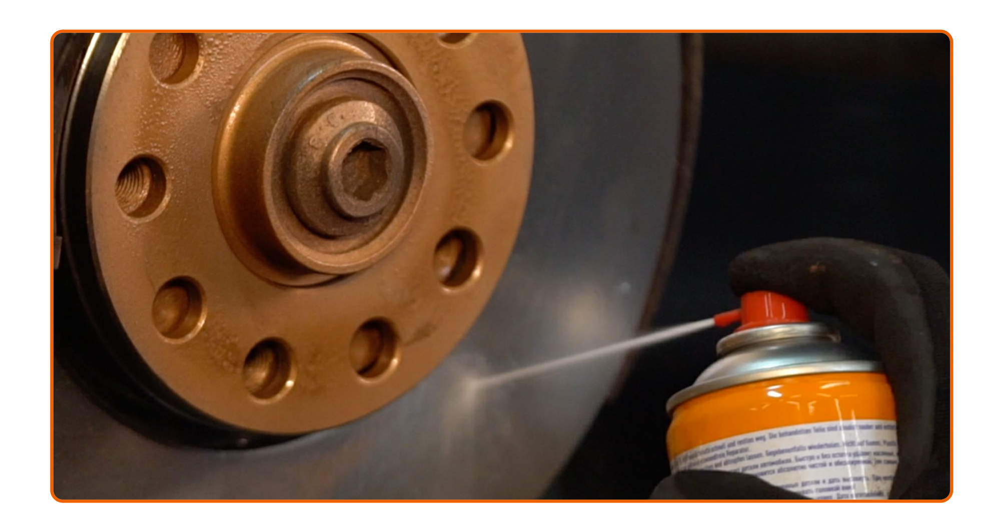
- Make sure to set the protection cap on the bleeder valve.

25



Treat the surface where the brake disc contacts the wheel rim. Use copper grease.

26



Clean the brake disk surface. Use a brake cleaner.

AUTODOC recommends:

- After applying the spray, wait a few minutes.

27



Install the wheel.

AUTODOC recommends:

- To avoid injury, hold up the wheel when screwing in the fastening bolts.

28



Screw in the wheel bolts. Use wheel impact socket #17.

29



Lower the car and working in a cross order, tighten the wheel bolts. Use a torque wrench. Tighten it to 120 Nm torque.

30



Remove the jacks and chocks.

AUTODOC recommends:

- Check the brake fluid level in the expansion tank and refill if necessary.

31



Tighten the brake fluid reservoir cap. Close the hood.



DID YOU FIND THESE INSTRUCTIONS HELPFUL?

YES

NO



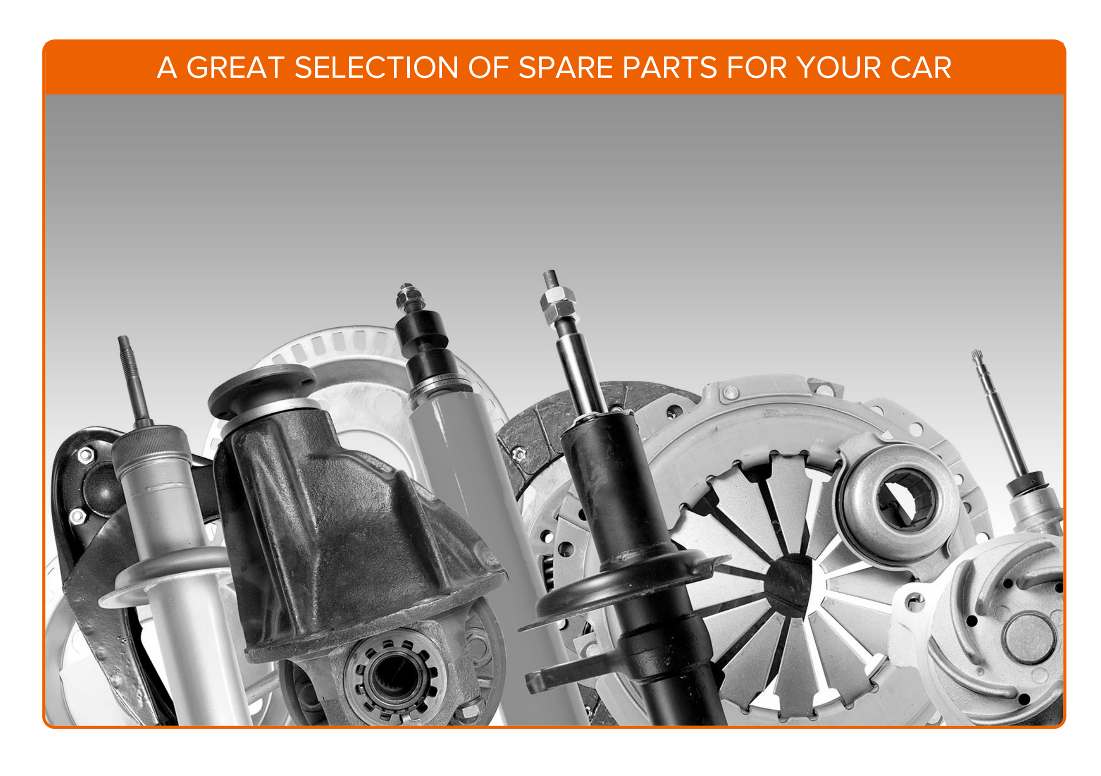
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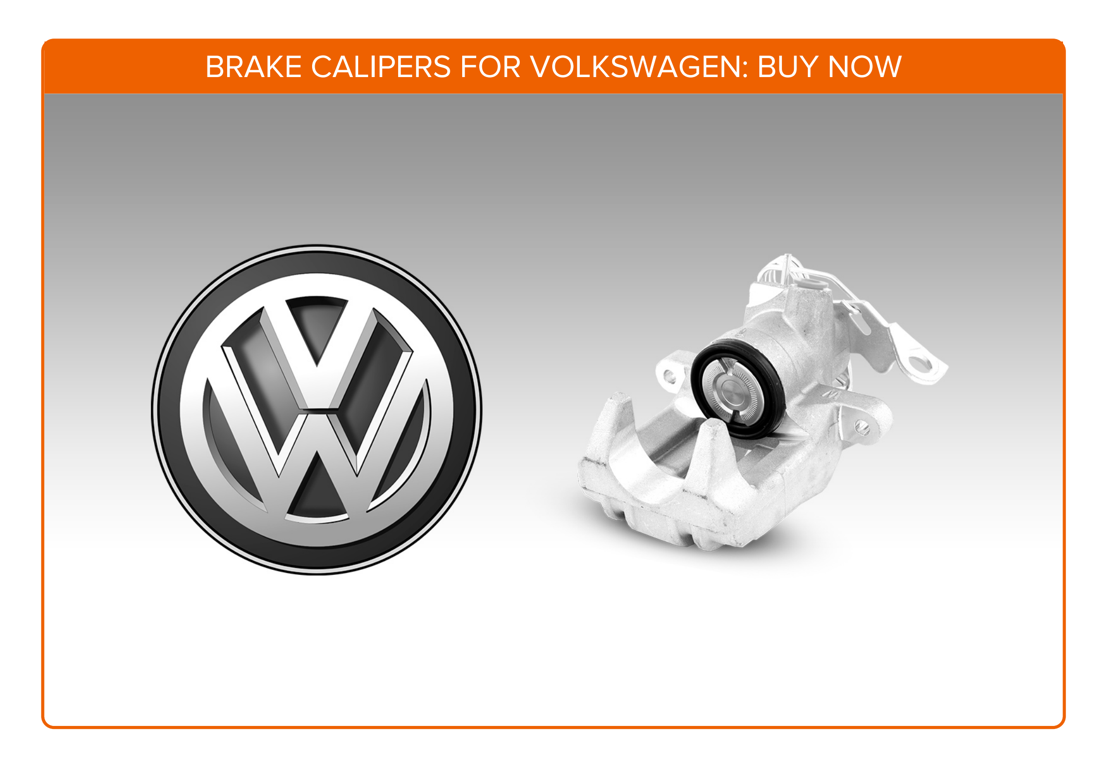

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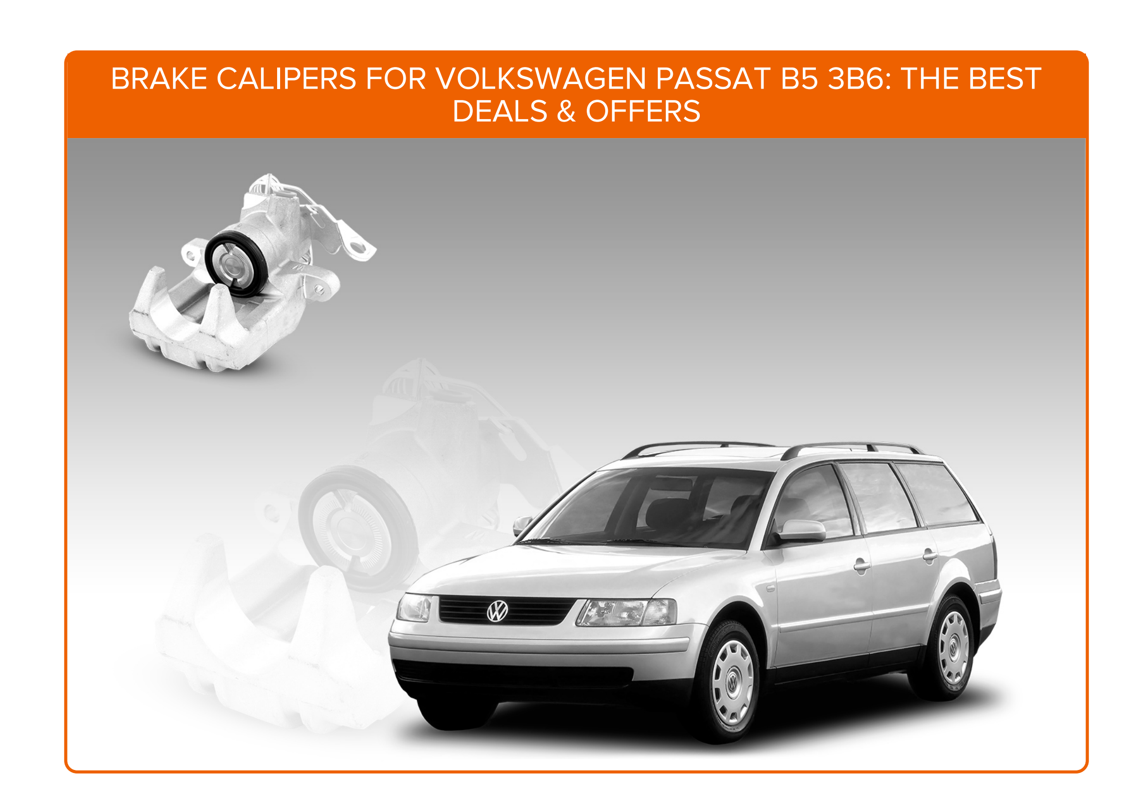



VOLKSWAGEN PASSAT B5 3B6


BRAKE CALIPERS FOR VOLKSWAGEN: BUY NOW



BRAKE CALIPERS FOR VOLKSWAGEN PASSAT B5 3B6: THE BEST DEALS & OFFERS



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